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PTO/50 (02-01)

C4-23-01
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REISSUE PATENT APPLICATION TRANSMITTAL

Address to:

Assistant Commissioner for Patents
Box Reissue
Washington, DC 20231

Attorney Docket No.	HAL-11303/04
First Named Inventor	Toshiharu Nogi
Original Patent Number	5,894,832
Original Patent Issue Date (Month/Day/Year)	04/20/99
Express Mail Label No.	

APPLICATION FOR REISSUE OF:
(Check applicable box) Utility Patent Design Patent Plant Patent

APPLICATION ELEMENTS (37 CFR 1.173)

1. Fee Transmittal Form (PTO/SB/56)
(Submit an original, and a duplicate for fee processing)
2. Applicant claims small entity status. See 37 CFR 1.27.
3. Specification and Claims in double column copy of patent format (amended, if appropriate)
4. Drawing(s) (proposed amendments, if appropriate)
5. Reissue Oath/Declaration (original or copy)
(37 C.F.R. § 1.175) (PTO/SB/51 or 52)
6. Power of Attorney
7. Original U.S. Patent currently assigned? Yes No
(If Yes, check applicable box(es))
 Written Consent of all Assignees (PTO/SB/53)
 37 C.F.R. § 3.73(b) Statement
(PTO/SB/96)
8. CD-ROM or CD-R in duplicate, Computer Program (Appendix) or large table
9. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all of the following are necessary)
 - a. Computer Readable Form (CFR)
 - b. Specification Sequence Listing on:
i CD-ROM (2 copies) or CD-R (2 copies); or
ii paper
 - c. Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

10. Statement of status and support for all changes to the claims. See 37 CFR 1.173 (c).
11. Original U.S. Patent for surrender
 Ribboned Original Patent Grant
 Statement of Loss (PTO/SB/55)
12. Foreign Priority Claim (35 U.S.C. 119) (if applicable)
13. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations
14. English Translation of Reissue Oath/Declaration (if applicable)
15. Preliminary Amendment
16. Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
17. Other:
.....
.....

18. CORRESPONDENCE ADDRESS



Customer Number or Bar Code Label

or Correspondence address below

Name			
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Country	Telephone		

NAME (Print/Type)	Douglas W. Sprinkle	Registration No.(Attorney/Agent)	27,394
Signature		Date	4/20/01

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REISSUE APPLICATION FEE TRANSMITTAL FORM				Docket Number (Optional) HAL-11303/04				
Claims as Filed - Part 1								
Claims in Patent		Number Filed in Reissue Application	(3) Number Extra	Small Entity		Other than a Small Entity		
				Rate	Fee	Rate	Fee	
(A) 36	Total Claims (37 CFR 1.16(j))	(B) 100	**** 64 = x \$ ____ =	or	x \$ 18 =	\$ 1152		
(C) 5	Independent claims (37 CFR 1.16(l))	(D) 48	* 43 = x \$ ____ =		x \$ 80 =	\$ 3440		
Multiple Dependency Fee \$270					Basic Fee (37 CFR 1.16(h)) \$710		\$ 980	
				Total Filing Fee \$	OR	\$ 5572		
Claims as Amended - Part 2								
	(1) Claims Remaining After Amendment		(2) Highest Number Previously Paid For	(3) Extra Claims Present	Small Entity		Other than a Small Entity	
					Rate	Fee	Rate	Fee
Total Claims (37 CFR 1.16(j))	***	MINUS	**	* = x \$ ____ =	x \$ ____ =			
Independent Claims (37 CFR 1.16(l))	***	MINUS	*****	= x \$ ____ =		x \$ ____ =		
Total Additional Fee \$					OR	\$		

* If the entry in (D) is less than the entry in (C), Write "0" in column 3.

** If the "Highest Number of Total Claims Previously Paid For" is less than 20, Write "20" in this space.

*** After any cancellation of claims.

**** If "A" is greater than 20, use (B - A); if "A" is 20 or less, use (B - 20).

***** "Highest Number of Independent Claims Previously Paid For" or Number of Independent Claims in Patent (C).

Applicant claims small entity status. See 37 CFR 1.27.

Please charge Deposit Account No. _____ in the amount of _____.
A duplicate copy of this sheet is enclosed.

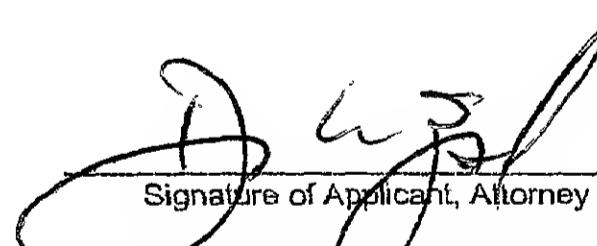
The Commissioner is hereby authorized to charge any additional fees under 37 CFR 1.16 or 1.17 which may be required, or credit any overpayment to Deposit Account No. 07-1180.
A duplicate copy of this sheet is enclosed.

A check in the amount of \$ _____ to cover the filing / additional fee is enclosed.

Payment by credit card. Form PTO-2038 is attached.

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4/20/01
Date


 Signature of Applicant, Attorney or Agent of Record
 Douglas W. Sprinkle
 Reg. No. 27,394
Type or printed name

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STATEMENT UNDER 37 CFR 3.73(b)Applicant/Patent Owner: Toshiharu Nogi, Frank W. HuntApplication No./Patent No.: 5,894,832 Filed/Issue Date: 04/20/99Entitled: Cold Start Engine Control Apparatus and MethodHitachi America, Ltd., a corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

- the assignee of the entire right, title, and interest; or
- an assignee of less than the entire right, title and interest.
The extent (by, percentage) of its ownership interest is _____ %

in the patent application/patent identified above by virtue of either:

A. [] An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

OR

B. [X] A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: Toshiharu Nogi, Frank W. Hunt To: Hitachi America, Ltd.

The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

2. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

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[] Additional documents in the chain of title are listed on a supplemental sheet.

[X] Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

X/PH/0,
Date

X Philip H. Omsberg

Typed or printed name

X Philip H. Omsberg

Signature

X Exec Vice President & GenCounsel

Title

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